

Converting Colors

Yxy(56.3090, 0.3038, 0.4571)

Have a look what the booklet for
Yxy(56.3090, 0.3038, 0.4571)
contains.

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Color

Yxy(56.5066, 0.3042, 0.4579)

Conversions

Conversions Part 1

Format	Color
Hex	7CDB80
RGB	124, 219, 128
RGB Percent	49%, 86%, 50%
CMY	0.5138, 0.1412, 0.4979
CMYK	0.43, 0.00, 0.42, 0.14
HSL	123°, 57%, 67%
HSV	123°, 43%, 86%
XYZ	37.5394, 56.5066, 29.3578
YIQ	180.2210, -27.4090, -48.4410

Conversions

Conversions Part 2

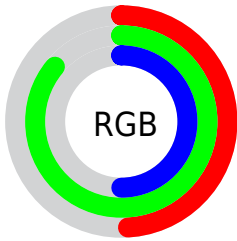
Format	Color
RYB	124, 215, 219
Decimal	8182656
CIELab	79.90, -46.52, 36.14
CIELCh	80, 58.908, 142.157
Yxy	56.5066, 0.3042, 0.4579
Android (android.graphics.Color)	4286372736 (0xFF7CDB80)
YUV	180.2210, -25.7450, -49.3058
Hunter-Lab	75.1709, -42.4083, 29.4641

Details

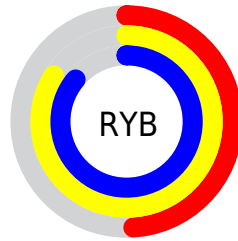
The Yxy color **56.5066, 0.3042, 0.4579** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **34.3772, 0.3216, 0.2271**, and the grayscale version is **45.9190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7212, 0.3082, 0.4128**, and **27.9235, 0.2981, 0.4968** is the 20% darker color. If you saturate the color by 10%, you get **54.5582, 0.3024, 0.4927**, and if you desaturate by 10%, it is **58.9361, 0.3062, 0.4237**.

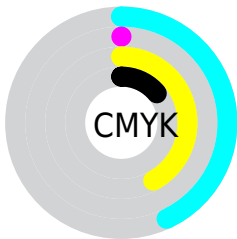
Distribution



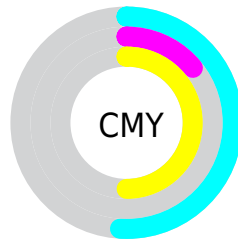
- Red (49%)
- Green (86%)
- Blue (50%)



- Red (49%)
- Yellow (84%)
- Blue (86%)



- Cyan (43%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (51%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5066, 0.3042, 0.4579 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.5066, 0.3042, 0.4579 by changing the saturation by 10% instead.


 56.5066, 0.3042,
0.4579

 56.5066, 0.3042,
0.4579


411.5979, 0.3109,
0.3914


 40.6092, 0.3017,
0.4749


 99.7449, 0.3072,
0.4334

 28.0139, 0.2981,
0.4968


 127.8546, 0.3082,
0.4243

 18.3361, 0.2924,
0.5260


 160.8039, 0.3089,
0.4166

 11.1916, 0.2829,
0.5665

198.9772, 0.3095,
0.4101

 6.1958, 0.2658,
0.6250

242.7588, 0.3100,
0.4045

 2.9645, 0.2454,
0.7546

292.5332, 0.3104,

 1.1132, 0.0000,

0.3995

1.0000

348.6848, 0.3107,
0.3952

■ 0.0000, 0.0000,
0.0000

■ 56.5066, 0.3042,
0.4579

■ 56.5066, 0.3042,
0.4579

■ 54.5582, 0.3024,
0.4927

■ 58.9361, 0.3062,
0.4237

■ 53.0526, 0.3008,
0.5260

■ 61.8681, 0.3083,
0.3917

■ 51.9569, 0.2998,
0.5552


■ 65.3314, 0.3102,
0.3627


■ 51.2308, 0.2993,
0.5779

■ 69.3502, 0.3121,
0.3370

■ 50.8257, 0.2993,
0.5925

■ 73.9477, 0.3138,
0.3145

 50.6862, 0.2994,
0.5978

 79.0715, 0.3151,
0.2951

 79.1458, 0.3144,
0.2940

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5066, 0.3776, 0.4689



56.5066, 0.3042, 0.4579



56.5066, 0.2371, 0.3937

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5066, 0.3042, 0.4579



56.5066, 0.1951, 0.2177



56.5066, 0.4469, 0.3242

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.5066, 0.3042, 0.4579



34.3772, 0.3216, 0.2271

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.5066, 0.3851, 0.2726



56.5066, 0.3042, 0.4579



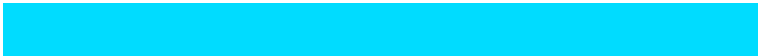
56.5066, 0.2380, 0.2140

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5066, 0.3042, 0.4579



56.5066, 0.1800, 0.2492



56.5066, 0.3059, 0.2337



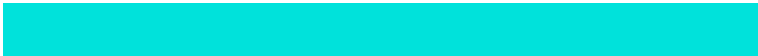
56.5066, 0.4654, 0.3808

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5066, 0.3042, 0.4579



56.5066, 0.2048, 0.3380



56.5066, 0.3059, 0.2337



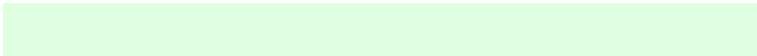
56.5066, 0.4302, 0.3061

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.5090, 0.3042, 0.4579



92.3676, 0.3103, 0.3619



66.6950, 0.3745, 0.4363



19.5222, 0.3099, 0.3681



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5090, 0.3042, 0.4579



77.2463, 0.3025, 0.4895



58.0317, 0.2779, 0.3900



14.6152, 0.3110, 0.3521



30.0569, 0.2992, 0.5971



1.9505, 0.2968, 0.5884

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3772, 0.3216, 0.2271



42.1398, 0.3235, 0.2085



32.3120, 0.3720, 0.2762



13.2648, 0.3144, 0.3069



11.6842, 0.3318, 0.1601



0.7600, 0.3299, 0.1591

Previews

White Background



This preview shows how the Yxy color 56.5066, 0.3042, 0.4579 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.5066, 0.3042, 0.4579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5066, 0.3042, 0.4579

Background



This preview shows how black text looks on a background with the Yxy color 56.5066, 0.3042, 0.4579.



This preview shows how white text looks on a background with the Yxy color 56.5066, 0.3042, 0.4579.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.5066, 0.3042, 0.4579

Protanopia

55.7356, 0.3865, 0.4193

Deuteranopia

55.3779, 0.3970, 0.3883



Tritanopia

56.4229, 0.2599, 0.3086

Trichromacy



Original Color

56.5066, 0.3042, 0.4579



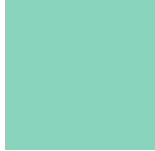
Protanomaly

55.0378, 0.3527, 0.4343



Deuteranomaly

54.1149, 0.3595, 0.4131



Tritanomaly

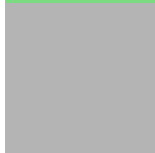
56.0795, 0.2762, 0.3599

Monochromacy



Original Color

56.5066, 0.3042, 0.4579



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

48.6304, 0.3098, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5066, 0.3042, 0.4579 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 219, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 219, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 219, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 219, 128) }
```

Border

The CSS property to change the border of an element to Yxy 56.5066, 0.3042, 0.4579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 219, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 219, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 219, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 219, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 219, 128); box-shadow:4px 4px 4px 4px rgb(124, 219, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5066, 0.3042, 0.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 219, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
219, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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